TITUSVILLE AMATEUR RADIO CLUB

NEWSLETTER

SEPTEMBER, 1999

OFFICERS

PRESIDENT: Bud Hughes K4CWG 269-0779 SECRETARY: Becky Lee KF4HTB 267-9375
V. PRES.: Ozzie Osband N4SCY 383-9750 TREASURER: Becky Lee KF4HTB 267-9375

CLUB INFORMATION

TARC MEETINGS :	**Monthly on 4th Tuesday at 1900 hrs at Jaycee Building.**
TARC NETS:	**VIP - Thursdays at 1000 hrs on 146.910**
	FRIENDSHIP - Thursdays at 1830 hrs. on146.910
	MOSQUITO - Wednesdays at 1900 hrs on 28.333
TARC REPEATERS:	**VHF - 146.910 and146.970. UHF 444.150**

PRESIDENT'S CORNER

By Bud Hughes K4CWG

We have been spared the awesome destructive power of this season's storm named Dennis. My sincere thanks to all of you who contributed your time and equipment and your offer of assistance if needed should our community have come under the destructive power of Dennis. We all have yet another blessing to be thankful for.

The TARC Technical Committee has done it again. They have installed several neat features to the '91 machine. The features include current temperature, high and low temperature for past 24 hours, wind speed and direction, and rainfall. These new features are for your use. If you do not have the codes for the weather info and other neat features available to the club membership please contact me either by e-mail <bhughes@expedient.com> or by phone: at work 267-3450; at home 269-0779 and let me get a copy of the codes to you.

By the way, the club is entering club member e-mail addresses in the TARC database. With your permission we would like to include your e-mail address in that listing. To include your e-mail address, please submit same to Becky, KF4HTB, 267-9375 <lees@ham.net> or to me at the numbers listed in the preceding paragraph.

Remember the September 28 meeting will be the annual POT LUCK dinner. Please come and bring your family and a dish. If you have any questions please contact Sherry, KU4ZO, Becky, KF4HTB or Pat, KF4LTY. As in years gone by this is an event you will want to attend. Plans for our November 6th tail gate/flea market are....see P 2

HAPPY BIRTHDAY

SEPTEMBER BIRTHDAYS

SEPT. 1 WB4SIG DAVE McLEAN
SEPT. 5 KA4NZM DICK RUFFE
SEPT. 8 KF4LTY PAT RENNINGER
SEPT. 9 KF4QML KEVEN ZIMMERMAN
SEPT. 12 K4DII FRED MCKENZIE
SEPT. 14 W4VQB BOB NEDIMYER
SEPT. 15 KC4HIQ SHIRLEY SWEATT
SEPT. 15 KF4LPB ROBERT HAMMOND
SEPT. 15 KE4GWQ CLYDE CARTER
SEPT. 15 W1BSO MAYNARD CHENEY
SEPT. 15 KE4JAV TOM YENCSO
SEPT. 19 KD4CBV GEORGE BORTLE
SEPT. 24 KE4JBF JOAN HATFIELD
SEPT. 27 WA4QJK TOM McCALL
SEPT. 28 KD4UZA JOE CARTER
SEPT. 28 KZ4FG GEORGE FLORES

PRESIDENT (from P 1) progressing beautifully. It is free. There will be food, drink, etc., so make your plans. See you at the pot luck dinner.

.....The following was submitted by Norm Foster, AA4FY via Bud, K4CWG.

Dear Friend,

I don't know if you will be interested in this, but I thought I would mention it to you because it could be a real "sleeper" in making a lot of money with a small investment of $50,000.

A group of us are considering investing in a large cat ranch near Hermosillo, Mexico. It is our purpose to start rather small with about one million cats. Each cat averages about twelve kittens a year; skins can be sold for about 20 cents for the white ones and up to 40 cents for the black. This will give us twelve million cat skins per year to sell at an average of around 32 cents, making our gross revenue about $4 million a year. This really averages out to about $11,000 a day, including Sundays and holidays.

A good Mexican cat man can skin about 50 cats each day, at a wage of $3.15 a day. It will take 663 men to operate the ranch, so the net profit would be over $9,200 per day. Your $50,000 investment would be recovered in 5.4 days, which beats the stock market.

Now the cats would be fed on rats exclusively. Rats multiply four times as fast as cats. We would start a rat ranch adjacent to our cat farm. It we start with a million rats, we will have four rats per cat per day. The rats will be fed on the carcasses of the cats that we skin. This will give each rat a quarter of a cat. You can see by this that the business is a clean operation - self supporting and really automatic throughout. The cats will eat the rats and the rats will eat the cats and we will get the skins.

Eventually it is our hope to cross the cats with snakes, for they will skin themselves twice a year. This would save the labor cost of skinning, as well as give us two skins for one cat.

Let me know if you or any of your friends are interested. As you can imagine, we are rather choosy whom we want to go into this new skinning operation, but we are reserving several very attractive certificates for you and your good customers.

Best wishes,
Joe A Gayle

AMSAT NEWS SERVICE BULLETIN 241.03
FROM AMSAT HQ, SILVER SPRING, MD
Submitted by Ozzie, N4SCY, 8/29/99

The ARRL is reporting that hardware key to ham radio involvement in the International Space Station program has been sent to the flight processing facility at NASA Goddard Space Flight Center. According to SAREX Principal Investigator Matt Bordelon, KC5BTL, "once all the equipment is in hand, the antenna system components will be integrated and undergo flight qualification testing."

KC5BTL tells ANS that the Amateur Radio International Space Station (ARISS) program calls for eventually providing HF capability from ISS. "We haven't done HF before from the shuttle or Mir and a lot of hams have really wanted us to go in that direction." Running HF gear from the space shuttle was deemed impractical before, said Bordelon, because the SAREX program depended on a window style antenna.

Things will be different with the four, externally mounted antennas on the ISS Service Module. The ARISS Italian team has built and shipped L/S-band antennas, diplexers and radomes which comprise part of the four antenna packages. Each antenna system consists of either a VHF/UHF, HF, or L/S-band antenna, diplexer, mounting plate, mounting clamp and antenna cable.

The antenna systems, scheduled for delivery aboard shuttle mission STS-101, will make use of our Russian-provided bulkhead feedthroughs on the Service Module. Astronauts aboard ISS will connect the initial ARISS radio transceivers and associated hardware to the antenna systems.

The ISS 'initial station' ham gear recently passed qualification testing. This initial station setup will support amateur operation on voice and AFSK packet on 2 meters and 70-cm.

The ARRL is also reporting that testing is underway on the German built digitalker speaker-microphone, slated for manifest on a shuttle flight in 2000. The device functions as a digital voice memory beacon, reminiscent of the SAFEX digitalkers experimented with on Mir. ISS crew members will be able to record short messages in the digitalker's memory and the unit will then send the message as a beacon at specific time intervals.

Stay tuned to ANS for further developments. [ANS thanks the ARRL, SAREX principal investigator Matt Bordelon, KC5BTL, and Frank Bauer, KA3HDO, AMSAT Vice President for Human Spaceflight Programs for this information.]

TRANSFORMATION TITUSVILLE'S HOME TOWN, USA

July 14, 1999

Bud Hughes
Titusville Amateur Radio Club
2455 Cheney Highway
Titusville, FL 32780

Dear Bud,

Many, many thanks for your advice, support and assistance in our first annual Home Town, USA. I feel the Titusville Amateur Radio Club's participation went a long way towards making this event a smashing success. Anything that enhances safety for a public event needs to be publicly appreciated. The Titusville Amateur Radio Club's activities certainly fall into this category.
I look forward to discussing ways to enhance the event next year. Please contact me at your convenience to get together and start the planning for Home Town, USA-2000.

Best Regards,
Ron Thorstad,
Transformation Coordinator

GIVING CPR TO YOURSELF?

Submitted by Dave, AC4JX

Let's say it's 6:17 PM and you're driving home alone after an unusually hard day on the job. Not only was the workload extraordinarily heavy, you also had a disagreement with your boss, and no matter how hard you tried he just wouldn't see your side of the situation. You're really upset and the more you think about it, the more uptight you become.

All of a sudden you start experiencing severe pain in your chest that starts to radiate out into your arm and up into your jaw. You are only about five miles from the hospital nearest your home. Unfortunately, you don't know if you'll be able to make it that far.

What can you do? You've been trained in CPR, but the guy that taught the course neglected to tell you how to perform it on yourself.

HOW TO SURVIVE A HEART ATTACT WHEN ALONE:

Since many people are alone when they suffer a heart attack, this article seems appropriate. Without help, the person whose heart stops beating properly and who begins to feel faint, has only about 10 seconds left before losing consciousness. However, these victims can help themselves by coughing repeatedly and very vigorously. A deep breath should be taken before each cough, and the cough must be deep and prolonged, as when producing sputum from deep inside the chest. A breath and a cough must be repeated about every two seconds without let-up until help arrives, or until the heart is felt to be beating normally again.

Deep breaths get oxygen into the lungs and coughing movements squeeze the heart and keep the blood circulating. The squeezing pressure on the heart also helps it regain normal rhythm. In this way, heart attack victims can get to a phone, and between breaths, call for help.

Tell as many other people as possible about this; it could save their lives!

Another tip I've learned: If you have a catch in your back and experience pain arising from a chair, take a deep breath and hold it until you get up and get started walking. It alleviates the pain and helps you start out walking straight instead of bent over!

THE NEW '91 REPEATER CODES

From Wes, AF4N

We have been enhancing the features of the '91 repeater. A "Peet Bros." Weather station has been set up at the repeater site and wired to the repeater controller. The new weather messages are available **TO CLUB MEMBERS** by using the following access codes:

All data represents current conditions at the repeater site.

CODE	MESSAGE
70030	The outside temperature
70031	Wind speed and direction
70032	The high and low temperature
70033	Rainfall total
70034	Composite message includes all of the above.

Please remember that FCC rules require that we identify ourselves any time we key up the repeater. This includes accessing the weather messages. A new NOAA automated VHF weather receiver is planned for the '97 repeater site to report weather alert messages. This receiver will be installed in the near future. If you have any questions about repeater operation, contact the technical committee.

TALKING E-MAIL WITH CARTOONS!
From CyberSKIP 8/99

So what's new you ask? I guess the latest "thing" to catch my eye was talking e-mail. I've looked at the new offering, I listened to the sample voice and I pondered the value of TALKING E-MAIL. It gushes that it enables you to listen to your incoming messages as they arrive, via animated cartoon characters. Somehow, the more I looked at this, the more ludicrous it became.

According to 4Developers, Talking E-Mail's easy-to-understand voice will read aloud your incoming e-mails, whether they're in plain text, HTML or RTF formats. The sales gimmick for Talking E-mail is that one can use it while working on other tasks. So you're just sitting there, laboring away on the web page design, or trying to make sense out of your Excel spreadsheet while an idiot voice reads to you.

Pardon my sarcasm, but I really chuckled out loud while I viewed the sales pitch. After I sampled the voice reading a simulated e-mail, I could hardly contain myself. Not only does the voice resemble that of a man with a clothespin on his nose, but it is accompanied by an animated cartoon character. Somehow I can't picture myself having enough self control to prevent myself from an agonized scream if I was subjected to this kind of torture while working on an important project.

Talking e-mail has a serious use for the sight-impaired but then, there's that voice. I suppose one could download some other voices. Also, there are more sophisticated tools for the handicapped individuals.

My Eudora e-mail has an optional voice capability that will announce the arrival of e-mails for which you might be interested. It will read the name of the sender and the subject. It's quite handy for someone who gets a flood of daily e-mail and wants to be alerted to mail from someone special. The voice is male or female and much like a typical radio announcer. I don't care to read about 90% of my e-mail, let along have some virtual being read it to me. But then, that's just my opinion. Take a look at the site and judge for yourself.*Http://www.4developers.com/talkmail/*

OFFICIAL (?) HISTORY OF TAPS
From CyberSKIP 8/99

Over the last couple of months, thanks to the magic of e-mail, I have received 4 messages about the history of the most famous of all military bugle calls, TAPS. Those messages had 3 different versions of the words and origination of the call. I guess it was suddenly being passed around by different folks since it was near Independence Day and was on their minds. I thought I would reacquaint myself with the first and only one I learned many years ago. My first research was done in my official Boy Scouts of America Handbook (1948) which I still have. The words and story of "Taps" in it's pages was the same as the following from the Arlington National Cemetery website (http://www.arlingtoncemetery.com/taps.htm) and with which I will regard as the correct version:

'TAPS

By Major General Daniel Butterfield

Army of the Potomac, Civil War

"Fading light dims the sight,
And a star gems the sky, gleaming bright.
From afar drawing nigh - falls the night.
"Day is done, gone the sun,
From the lake, from the hills, from the sky.
All is well, safely rest, God is nigh.
"Then good night, peaceful night,
Til the light of the dawn shineth bright.
God is near, do not fear - Friend, good night."

"TAPS" is the most beautiful bugle call. Played slowly and softly, it has a smooth, tender and touching character. The bugle call was written during the Peninsula Campaign of the Civil War by General Butterfield, with assistance from his bugler, Oliver W. Norton, in 1862. (See page 6.)

ABELL'S ANECDOTES

By Pike W4EPU

The following was written for the TARC newsletter, but on the way here a similar version was published in a local newspaper. Please excuse the redundancy.

There are a lot of homeless, or indigent folks around. Just who are they? And what caused them to get where they are in life? No doubt, the second question has as many answers as there are homeless people.

Granted, a percentage of reasons for their predicaments are self inflicted. But there are also a good number of those who, for any number of reasons, simply have fallen upon hard times. Regardless of their circumstances, I have always had a soft spot in my heart for the downtrodden. For some reason "hobo, "indigent", or "homeless" are the names I prefer to use. Indigent, Street people, homeless vagrants, transients, bums, drifters, hobos, or whatever, they all fall into the same general category.

My sympathy for the homeless goes back to my childhood when my brothers and I were in elementary school. We walked five miles to and from parochial school. Somewhere near the mid point of our journey was a place called "Hobo Donic". (I don't know where the word 'Donic' came from, but that is what they called it.) It was near the railroad track along a creek bank. Trains often slowed down or even stopped along that area, making it easy for drifters to hop on and off of the freight trains. There was an eight or ten foot high bank on the south side of the creek. In wintertime it provided a breaker for the northerly winds which as I recall seemed to prevail. There was a barrel stave sawmill nearby. The staves being made of white oak wood, there was plenty of scrap oak for fire wood. All of the above made it an ideal site for a hobo camp. There were always a half dozen or so hobos camping there. They made daily rounds in the town to pick up their food handouts. Even though it was during the depression, I seriously doubt that any of them ever went hungry.

On our way to and from school, especially in the wintertime, we regularly stopped and visited with the hobos and warmed up by their campfire. They were very friendly and seemed to enjoy socializing with us kids. They told many stories about how events in their lives led them to where they were. I recall that a food stop for at least one hobo was the convent where we attended school. He never let us forget that he was raised in a strict catholic family. Many times he showed us his small and dilapidated prayer book which he bragged about reading every day. Having something in common with him, he was more or less one of our favorites. He is one of the reasons why I have fond memories of my visits to Hobo Donic. 73 es 88s

TAPS from page 5. "TAPS" went on from its origin as an alternative to "Lights Out" to become not only a signal that day was done, but also to say good-bye to a fallen comrade. "TAPS" is customarily played at military funerals everywhere, such as Arlington National Cemetery as well as at ceremonies at the Tomb of the Unknowns there. It's composer is buried in the Post Cemetery at the United States Military Academy at West Point (even though he did not graduate from the Academy). More information, including a carefully researched history of the prelude to "Taps" , '24 Notes That Tap Deep Emotions' by MSG Jari A. Villanueva, USAF, can be found as a link at the website. The haunting, moving epitaph has been regarded in many ways...played at "lights out" time at night on a military base, it sometimes stirred anger at having to break up the poker game and go to bed. But, over the years, it has somehow managed to convey a sad theme when heard, and will forever remain to perform it's intention - to remember the ones who gave the supreme sacrifice for their country.

TREASURERS REPORT

By Becky Lee, KF4HTB

Balance forward from 1998	$6634.75
Deposits Year to Date	3643.51
TOTAL INCOME	**$10278.26**
Expenditures	6017.99
BALANCE AS AT 8/31/99	**$4260.27**

AUGUST MINUTES

By Becky, KF4HTB

After the opening ceremonies and introductions, Bud, K4CWG announced that there will be a meeting at BCC on Saturday morning at 8:30 or 9:00 to discuss plans for the upcoming cross country track meet. Please contact Bud if you can attend. Ralph, AE4LE invited club members to help themselves to any of the free equipment laid out on the tables.

Sherry, KU4ZO reminded everyone that the September meeting will be the annual pot luck supper. Families and friends are invited. Bring a covered dish.

Les K4SJC and Don, KE4LNS gave an update on the repeaters. An air conditioner has been installed. The 91 controller is working. Packet will be installed when the antenna arrives. Repeater codes were made available to all members in good standing.

Bud, K4CWG outlined the new rules of the FCC system for renewing and updating licenses. He also reminded everyone about the November 6 free tailgate/flea market

Motions were made and carried to donate $100 each to BEARS and to Ray Kasiss to help defray operational expenses.

Bill Eppley, W2SDB has tickets for the Melbourne Hamfest. If anyone has interest in the club renting a table at the Melbourne Hamfest, please contact Bud.

Ozzie, N4SCY talked about National Technicians Day. Technicians will go out to schools to talk about our technical hobby. If you would like to be a part of this contact Ozzie.

In the program segment of the meeting, Ozzie, N4SCY showed members a working model and explained the usage of a packet weather station.

EXCERPTS FROM THE W5YI REPORT OF 8/15/99

A new generation of VCRs uses internal hard drives instead of magnetic tape. ReplayTV offers different models to record up to 10, 14 or 28 hours of programs. 30-second "jumps" can be made during playback to directly bypass commercials instead of skimming through them. And you can still watch one program while recording another. ReplayTV can let you edit a batch of programs for storage onto ordinary videotape.

The most powerful communications satellite ever will be launched next year. "20.20," the new satellite, is being built by Space Systems Loral and will be put into geosynchronous orbit. With over 150 transponders and 25 kW, it effectively does the work of two stations.

Be careful when labeling CD-ROMs. If adhesive labels aren't centered or attached properly, they may put the disc off balance and it will wobble. This creates reading, writing and tracking problems, and the software may not load at all.

TITUSVILLE AMATEUR RADIO CLUB
P. O. BOX 73
TITUSVILLE FL 32781-0073

"So much for camping!"

MEMBERSHIP UPDATE

Total membership: 238 (164 regular, 56 family, 12 honorary, 6 other)

NEW MEMBERS: NONE

RENEWALS: KU4NR CHUCK MANION
KF4FEY PENNY COPELAND
KF4QIP MIKE ALBRO
W2SDB BILL EPPLEY
KT4UD LEONARD ZBIEGIEN

HAMFESTS:

9-11/12	Melbourne
9-25	Daytona Beach
9-26	New Port Richie
10-2	Maitland
10-2	Sunrise
10-9	Tampa
10-8/9	Starke
10-16/17	W. Palm Beach
10-29/30	Jacksonville
11-6	Titusville
11-6	Sorrento
11-13	Port St. Lucie
11-20/21	Tampa
12-4	Okeechobee
12-11	Lake City